

Climate change is and will be an existential threat for many years to come. The Specialisation to Ocean Infrastructure and Renewables is designed to help you prepare for that future. You will learn to design floating solar farms, offshore wind turbines, and floating infrastructures to protect us against rising seawater levels. Your specialisation and skills will be vital in helping nations as they pledge to adopt renewable energy and achieve net-zero by the middle of the 21st century.



*MSc (Civil Engineering)
with specialization in
Ocean Infrastructure and Renewables*

More information:



[or click here](#)

MODULES

CE5716

Introduction to Ocean Infrastructure and Renewables

CE5717

Mooring and Cables for Ocean Infrastructure & Renewables

CE5307AQA

Ocean Wave and Wind

CE5307BQB

Ocean Environmental Loads

CE5718QA

Analysis of Floating Infrastructure & Renewables

CE5718QB

Design of Floating Infrastructure & Renewables

CE5719QA

Design of Fixed Wind Turbine Structures

CE5719QB

Integrity of Fixed Wind Turbine Structures

CE5720QA

Offshore Geomechanics

CE5720QB

Offshore Foundation Systems

CE5002C

Capstone Project for Ocean Infrastructure and Renewables